

MATERIAL SAFETY DATA SHEET

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Product Code: UV49W002

White Acrylic Copolymer Paint

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: WISCONSIN V.O.C. ACRYLIC COPOLYMER WHITE

CENTERLINE INDUSTRIES, INC.  
5380 BIRCHER  
ST. LOUIS, MO 63166

CHEMTRAC Emergency No.: 800-424-9300  
Information Only: 314-389-4555 (8:00am - 4:30pm)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
Calcium Carbonate	1317-65-3	30% TO 35%
* ACETONE OSHA:PEL-TWA 1000 ppm or 2400 mg/m <sup>3</sup> STEL:TLV-TWA 1000 ppm or 2400 mg/m <sup>3</sup> ACGIH:TLV-TWA 750 ppm or 1780 mg/m <sup>3</sup> STEL:TLV-TWA 1000 ppm or 2380 mg/m <sup>3</sup>	67-64-1	20% TO 25%
Acrylic Polymer Resin Not Established	Mixture	10% TO 15%
Calcium Sulfide, Hannebachite	97372-63-9	10% TO 15%
Titanium Dioxide, Rutile as TiO <sub>2</sub>	13463-67-7	5% TO 10%
* SC-150: Aromatic Hydrocarbon Naphtha OSHA 100 ppm Total Hydrocarbon	64742-94-5	0% TO 5%
Chlorinated Paraffins Acute Oral LD50: 4g/kg, mild skin irritation.	63449-39-8	0% TO 5%
Di (Z-ethylhexyl) phthalate OSHA:PEL-TWA 5 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup> ACGIH:TLV-TWA 5 mg/m <sup>3</sup> STEL 10 mg/m <sup>3</sup>	117-81-7	0% TO 5%
Soya Lecithin	Unknown	0% TO 5%
Organoclay	71011-24-0	0% TO 5%
* Anti-Skin = Methyl Ethyl Ketoxime <i>*See Section 15 for Regulatory Information</i>	96-29-7	0% TO 5%

3. HAZARDS IDENTIFICATION

Potential Health Effects

EYE: May cause moderate eye irritation. Corneal injury is unlikely.

SKIN: This material may cause moderate skin irritation. Prolonged or repeated contact may cause irritation leading to dermatitis. Skin contact may aggravate an existing dermatitis condition.

INGESTION: Ingestion is not an expected route of exposure. Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing larger amounts can cause injury.

INHALATION: High vapor concentrations (greater than approximately 1,000 ppm) are irritating to the eyes and the

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respiratory tract, may cause headaches, dizziness, vomiting, coughing, drowsiness, disturbed vision, unconsciousness, and other central nervous system effects, including death.

**SYSTEMIC:** Systemic toxicity not known to occur under normal conditions.

**4. FIRST AID MEASURES**

**EYES:** If paint or vapors contact the eyes, immediately wash the eyes with large amounts of room temperature water for at least 15 minutes, occasionally lifting the lower and upper lids. Get medical attention immediately. A follow up visit to an ophthalmologist should be made if symptoms persist. Contact lens should not be worn working with chemicals since chemicals could get trapped in the eye.

**SKIN:** If paint contacts the skin, promptly wash the contaminated skin with soap and water. If the paint penetrates the clothing, promptly remove the clothing and wash the skin with soap and water. Seek medical assistance if the irritation persists or contact has been prolonged.

**INGESTION:** Not an anticipated route of exposure. If ingested, DO NOT induce vomiting unless directed by a physician, keep person warm, quiet, and get medical attention. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal. Give milk or water to drink. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove patient to fresh air away from the contaminated area. If breathing has stopped, give artificial respiration. Administer humidified oxygen only after consulting a physician which should be done immediately.

**NOTE TO PHYSICIANS:** Treatment must be based on judgement of the physician in response to reactions of the patient.

**5. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES:**

FLASH POINT: 20C, -4F

Method: TCC

**FLAMMABLE LIMITS:**

Lower flammable limit: 1.8

Upper flammable limit: 13.2

**AUTOIGNITION TEMPERATURE:** >2180, >450F

**HAZARDOUS COMBUSTION PRODUCTS:** Under fire conditions some components of this product may decompose. The smoke may contain unidentified toxic and/or irritating compounds. Hazardous combustion products may include but are not limited to hydrocarbons, carbon monoxide and dense smoke.

**EXTINGUISHING MEDIA:** Use dry chemical, carbon dioxide extinguishers or alcohol foam for small fires. Water spray or fog can cool fire but may not be effective in extinguishing the fire. Large fires should be extinguished with alcohol foam. Use water spray to cool containers exposed to fire. Excessive water may cause contamination by fire water runoff.

**FIREFIGHTING INSTRUCTIONS:** Keep unnecessary people away. Isolate hazard area near fire and deny unnecessary entry. Use water to cool containers exposed to fire. Stay away from ends of tanks where vapors may be highly explosive with temperatures produced during a fire. Withdraw immediately in case of rising sound from venting safety device or any discoloration of tanks due to fire. Isolate for 1/2 mile in all directions if tank car or truck is involved in fire. Vapors travel a considerable distance to the source of ignition and flash back.

**PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:** Wear NIOSH or MSMA approved positive pressure, self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves). If protective clothing is not available or not used, fight fire from a protected location or safe distance.

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## 6. ACCIDENTAL RELEASE MEASURES

**PROTECT PERSONNEL:** Immediately shut off all sources of ignition. No smoking or flares in the spill area. Allow only trained personnel wearing appropriate protective clothing and respirator in the vicinity of the spill. Do not touch spilled material without personal protective equipment. Stop leaks only if it does not pose a risk to your health. If vapors are released, or the area is not well ventilated, wear a respirator before entering the area.

All exposure to this product should be minimized by strictly adhering to recommended occupational control procedures to avoid any potential adverse health effects.

**PROTECT ENVIRONMENT:** Keep out of sewer collection system, storm drains, surface waters, and soil. Avoid dilution with water to minimize the extent of the spill since this material will float on water and the runoff will present an environmental hazard. Dike and contain with inert material (absorbants like oil dry, sand or dirt), to prevent the spilled paints from entering municipal sewers, or surface waters.

**CLEANUP:** Recover and recycle spilled paint if possible, otherwise collect with non-combustible absorbant material and transfer to appropriate container(s) for later disposal. Place labels on waste container for identification purposes. Control large spills by diking around the spilled area.

## 7. HANDLING AND STORAGE

**HANDLING:** Open container slowly to release pressure. Bond and ground all equipment when transferring from one vessel to another. Can accumulate static charge by flow or agitation. Vapors can be ignited by static discharge. The use of explosion-proof equipment is recommended and may be required (see appropriate fire codes). Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29 CFR 1910.146. Practice reasonable care to avoid repeated, prolonged skin contact, contact with eyes, and clothing. Wash clothing thoroughly before re-use. Discard contaminated leather clothing. Wash thoroughly with soap and water after handling. Use adequate ventilation. Addition of chemicals may cause coagulation of paint. Keep away from heat, sparks and flame.

"EMPTY" containers retain residue (liquids and/or vapors) and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, or other sources of ignition. They may explode and cause injury or death. "EMPTY" drums/containers should be completely drained, properly bunged, and promptly shipped to the supplier or a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations. Before working on or in a container which contains or have contained paint material, refer to Occupational Safety and Health Administration Regulations, pertaining to cleaning, repairing, welding, or other contemplated operations.

**STORAGE:** Keep container(s) tightly closed. Use and store this material in cool, dry, well-ventilated areas away from heat, direct sunlight, hot metal surfaces, and all sources of ignition. Post area "NO SMOKING OR OPEN FLAME." Store only in approved containers. Keep away from any incompatible material. Protect container(s) against physical damage. Outdoor or detached storage is preferred. Indoor storage should meet OSHA standards and appropriate fire codes. Do not load into compartments adjacent to heated cargo.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional ventilation or exhaust systems may be required. Where explosive mixtures may be present, electrical systems safe for such locations must be used.

### **PERSONAL PROTECTIVE EQUIPMENT**

**RESPIRATORY PROTECTION:** If respiratory irritation is experienced, use an approved (NIOSH or MSNA) respirator for the volatile (vapor) components contained in the paint, in accordance with 29 CFR 1910.132 and 1910.134 to prevent exposure.

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Respirators must be selected based on the airborne levels found in the workplace and must not exceed the working limits of the respirator.

**SKIN PROTECTION:** In operations where spills or splashing can occur, use protective clothing impervious to the paint material (neoprene or rubber). Selection of specific items such as faceshield/chemical goggles, gloves, apron, or full-body suit will depend on the operation. A safety shower should be available.

**EYE PROTECTION:** Use splash proof chemical goggles or faceshield depending on your operation. Eye wash fountain (in accordance with 29 CFR 1910.151) should be within the immediately work area for emergency use. Contact lenses should not be worn when working with chemicals.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 152°C

MELTING POINT: Not available

VAPOR PRESSURE: Information not Available.

VAPOR DENSITY: (Air=1.0) 1.0 at 20°C for Acetone.

SOLUBILITY IN WATER: This paint is not soluble in water.

SPECIFIC GRAVITY: 1.42

pH: Not Applicable

ODOR: Aromatic Hydrocarbon odor.

APPEARANCE: White liquid

## STABILITY AND REACTIVITY

**CHEMICAL STABILITY (CONDITIONS TO AVOID):** Stable under recommended storage conditions. See storage Section 7, "Handling and Storage".

**INCOMPATIBILITY:** Oxidizing materials, acids, and bases.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Excessive heating and/or incomplete combustion will produce carbon dioxide and carbon monoxide with toxic vapors.

**HAZARDOUS POLYMERIZATION:** Hazardous polymerization is not expected to occur.

## TOXICOLOGICAL INFORMATION

**EYE:** Not determined.

**SKIN:** Skin is a low order toxicity.

**INGESTION:** Frequent ingestion may cause sore throat, headaches, dizziness, and drowsiness.

**INHALATION:** Inhalation (Human)  $LC_{10}$  = 500 ppm - conjunctive irritation and other.

$LC_{10}$  = lowest toxic concentration in a given species by a given route.

**\*CUTE:** Immediate effects for Acetone:

1 (Mouse) LD<sub>50</sub> = 3,000 mg/Kg

(Rat) LD<sub>50</sub> = 5,800 mg/Kg

Oral (Rabbit) LD<sub>50</sub> = 5,340 mg/Kg

Oral (Human) LD<sub>50</sub> = 50 mg/Kg

Eye (Human) = 500 ppm.

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Skin (Rabbit) = 500 mg/24H. Reaction mild.

LD50 = Dose that is lethal to 50% of a given species by a given route of exposure.

LDlo = Lowest lethal dose in a given species by a given route of exposure.

**CHRONIC/CARCINOGENICITY:** No chronic or carcinogenic effects known. There is no evidence that exposure to paint products alone causes progressive or irreversible neurotoxic effects. There is no reported evidence that paint will produce neurotoxic effects if exposure is maintained below established OSHA and ACGIH limits.

**TERATOLOGY:** (The study of malformations, monstrosities, or serious deviations from the normal type in organisms). No relevant information found.

**REPRODUCTIVE:** Reported to cause birth defects in rats exposed to very high levels of vapors (20,000 ppm or mg/l) in 1% = 10,000 ppm. No evidence for Human in-vito.

**MUTAGENICITY:** (A significant or basic alteration of genetic material involving either physical change in chromosome relations or a biological change in the genes). - No known evidence of mutagenicity.

## 12. ECOLOGICAL INFORMATION

**ECOTOXICOLOGICAL INFORMATION:** (Poisons or toxins and their effect on the environment). Not determined.

**ENVIRONMENTAL FATE INFORMATION:** Not Determined.

## 13. DISPOSAL CONSIDERATIONS

Do not dump into any sewers, on the ground, or into any body of water. All disposal methods must be in compliance with all Federal, State and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are solely the responsibility of the waste generator. Refer to the EPA "Resource Conservation Recovery Act" (RCRA) (40 CFR Part 261.20-24) to make your hazardous waste determination.

Centerline Industries, Inc. has no control over the management practices of the parties handling or using this paint. The information presented here pertains only to the product as shipped in its intended condition as described in Section 2.

For used, unused or outdated product, the preferred options include disposing at a licensed, permitted recycler, reclaimer, incinerator or thermal destruction, RCRA permitted facility.

## 14. TRANSPORT INFORMATION (Not meant to be all inclusive)

This product is regulated by Department of Transportation (DOT) when shipped domestically by land.

DOT Shipping Name: Paint

DOT Shipping Class: 3

UN1263, Packaging Group II

## 15. REGULATORY INFORMATION (Not meant to be all inclusive - selected regulations represented)

**FEDERAL REGULATIONS:** NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with Federal, State, and local laws. The following specific information is made for the purpose of complying with numerous Federal, State, and local laws and regulations. See other sections for health and safety information.

This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the

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following categories:

Section 311 Hazard Categorization (40 CFR 370): Acute, Chronic

Section 312 Emergency Planning Community Right-To-Know Act (EPCRA): Reportable

**OSHA:** 29 CFR 1910.1200 (HAZCOM) employee "Right-To-Know Training" is required for this product. Reportable under EPCRA.

**CERCLA:** **SARA HAZARD CATEGORY:** Section 102 (a) Hazardous Substance (40 CFR 302.4): This product considered a Hazardous Substance. Under CERCLA Section 304, Components of this product may meet the reportable quant if accidentally spilled. If the incident is subject to the provisions of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), it must be reported to the National Response Center by calling 800-424-8802.

**SECTION 313:** See page 1, Section 2 "Composition/Information of Ingredients" for reporting requirements of Section 313 of Title III of the Superfund Amendments & Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.65 and Section 302-304, 311 and 312 of the Federal Emergency Planning Community Right-To-Know Acts (EPCRA). All components with "\*" are reportable.

## STATE REGULATIONS:

Handling and disposal of this product must meet federal and state and local regulations and guidelines.

**VOLATILE ORGANIC COMPOUNDS:** This product does contains VOCs. Refer to Section 2, "Composition/Information on Ingredients" to calculate the VOCs.

## 16. OTHER INFORMATION

**MSDS Status:** The information in this Material Safety Data Sheet should be provided to all who will use, handle, store transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, and management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses and is for the paints without chemical additions or alterations. We believe this information to be reliable and up-to-date as of the date of publication, but make no warranty that it is. Additionally, if this Material Safety Data Sheet is more than three years old, please contact the supplier at the phone number listed in Section 1, to make certain that this sheet is current.